

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0050] with the following amended paragraph:

[0050] Describing a structure of the transformer T in detail, in FIGS. 2B and 2C the primary winding 5a and the secondary winding 5b are mounted on a central leg 22 of a main core 21 ~~having a B-shaped~~ made of magnetic material and having a mirror E-shape, wherein two Es face each other, the top and bottom legs are connected to each other, and the central legs connect to form the central leg 22 with a given spacing 23 between the top and bottom legs. Disposed in the given spacing 23 are auxiliary cores 24a, 24b, spaced from one another in a given distance along a circumferential direction of the primary winding 5a, which are made of two magnetic materials with a given length L. Also, the primary winding 5a and the secondary winding 5b have windings wound with insulation tapes, respectively, though not shown.

Please replace paragraph [0068] with the following amended paragraph:

[0068] FIG. 12 is a structural view showing the transformer for use in the switching power supply of the second embodiment. The transformer Tb shown in FIG. 12 includes a main core 41, formed in a ~~B-shape~~ mirror E-shape configuration, wherein two Es face each other, the bottom legs are connected to each other, and the central legs connect to form ~~which has~~ a central leg 42 on which the primary winding 5a and the feedback winding 5c are mounted with a given gap 23 between the top and bottom legs and the central leg 42. Disposed in the given gap 23 are auxiliary cores 24a, 24b, made of two magnetic materials each with a given length L, which are spaced from each other with a given distance along a circumferential direction of the primary winding 5a. Also, the primary winding 5a and the feedback winding 5c have respective windings on which insulation tapes are wound, respectively, though not shown.